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(conditional probability) and (genotyping)

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JA Douglas, AD Skol, M Boehnke - The American Journal of Human Genetics, 2002 - Elsevier

... If the random occurrence of exactly one genotyping error per family is assumed, then the conditional probability of detectable error for mating-type class ii ...

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A Multipoint Method for Detecting Genotyping Errors and Mutations in Sibling-Pair Linkage Data -

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JA Douglas, M Boehnke, K Lange - The American Journal of Human Genetics, 2000 - Elsevier

... Specifically, we calculate the posterior probability of genotyping error or mutation for each sibling-pair-marker combination, conditional on all marker data ...

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High-Throughput Genotyping with Single Nucleotide Polymorphisms

K Ranade, MS Chang, CT Ting, D Pei, CF Hsiao, M ... - Genome Research, 2001 - Cold Spring Harbor Lab

... 14K): [in this window] [in a new window], Figure 2 Genotyping results for ... Arrows indicate samples with a very low conditional probability of belonging to that ...

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Detection and Integration of Genotyping Errors in Statistical Genetics - ► [nih.gov](#) [HTML]

E Sobel, JC Papp, K Lange - The American Journal of Human Genetics, 2002 - Elsevier

... the correct penetrance function implementing the genotyping error model in the Markov chain, one can approximate this conditional probability stochastically as ...

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Extreme discordant sib pairs for mapping quantitative trait loci in humans

N Risch, H Zhang - Science, 1995 - sciencemag.org

... power. Focus on discordant pairs can reduce the amount of genotyping necessary over conventional designs by 10- to 40 -fold. The ...

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PedCheck: A Program for Identification of Genotype Incompatibilities in Linkage Analysis

JR O'Connell, DE Weeks - The American Journal of Human Genetics, 1998 - Elsevier

... odds ratio can be defined in terms of conditional probabilities: Suppose ... concluded that individual 15 had a .995 posterior probability of genotyping error. ...

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... and O. Each row of each matrix corresponds to the conditional probability of genotype m, given both genotype l and IBD status for subjects i and j. Thus, the ...

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